

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100375.D
 Acq On : 10 Nov 2017 7:51
 Operator : SJ/JU
 Sample : I6355-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-D-B

Quant Time: Nov 10 11:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189303	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	716438	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	319333	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	522683	20.00	ng	0.00
75) Chrysene-d12	14.06	240	347584	20.00	ng	-0.01
86) Perylene-d12	15.54	264	285024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	567345	48.04	ng	0.00
7) Phenol-d6	6.52	99	466183	32.01	ng	0.00
23) Nitrobenzene-d5	7.47	82	1192651	110.06	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	299722	92.11	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1957637	93.35	ng	0.00
78) Terphenyl-d14	13.01	244	1373420	90.79	ng	0.00

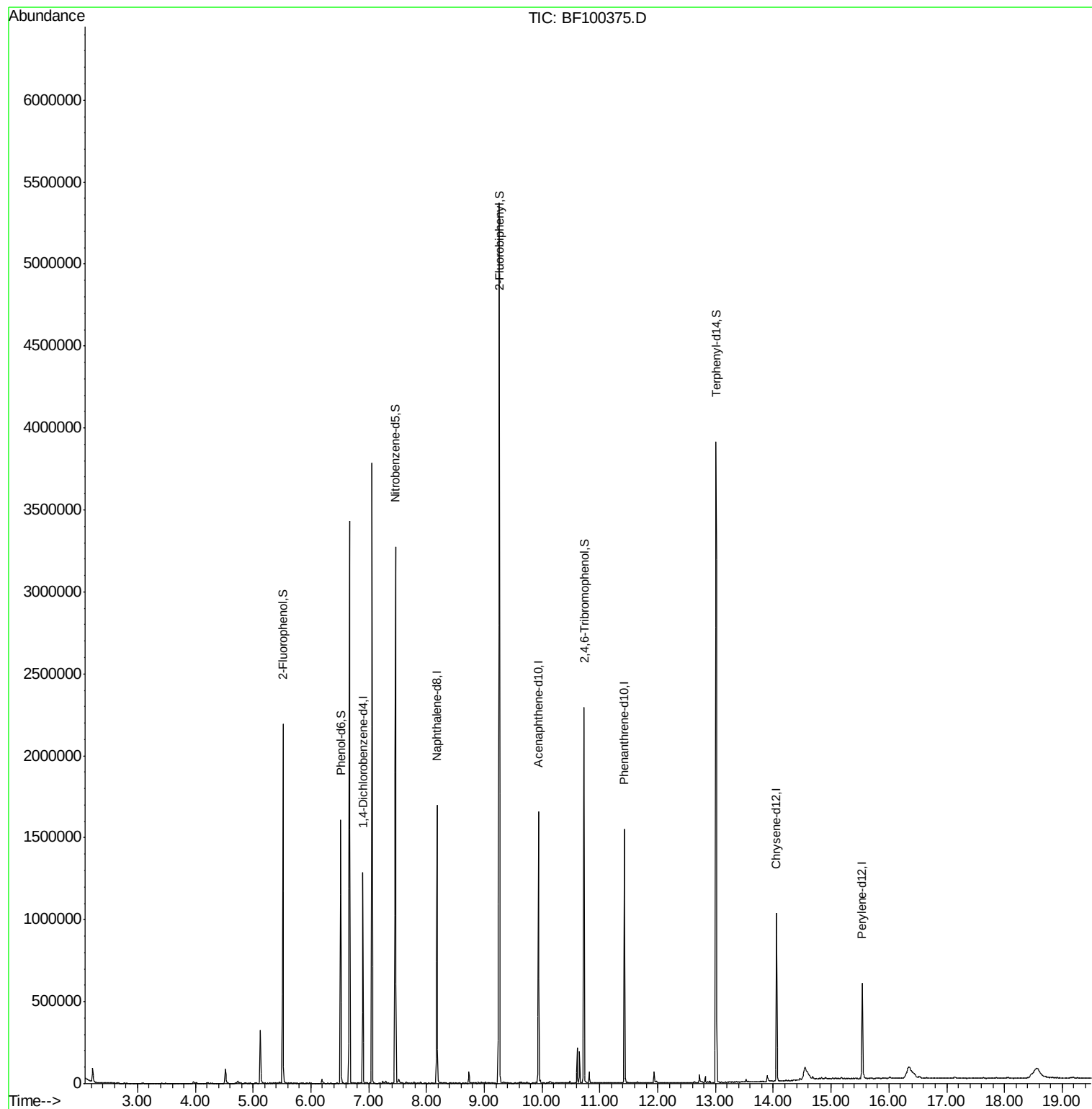
Target Compounds Qvalue

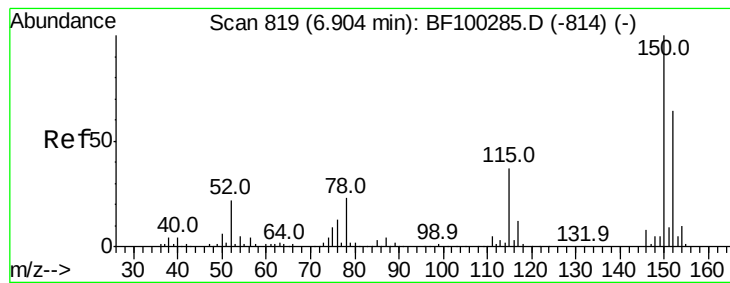
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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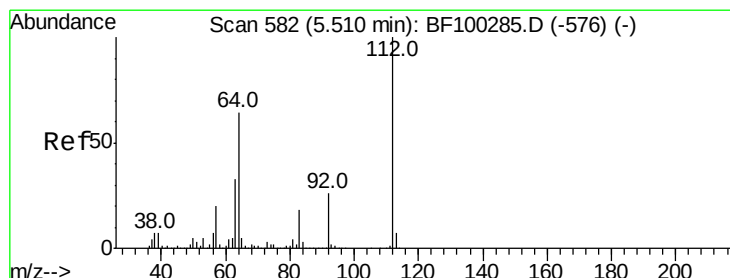
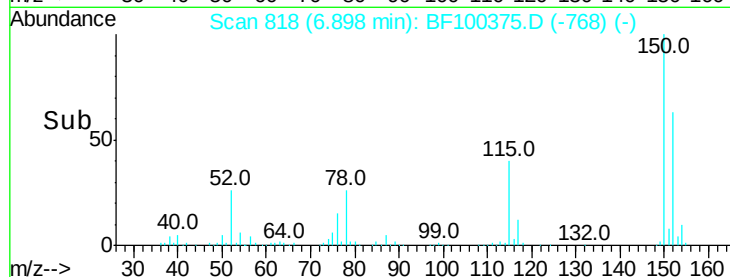
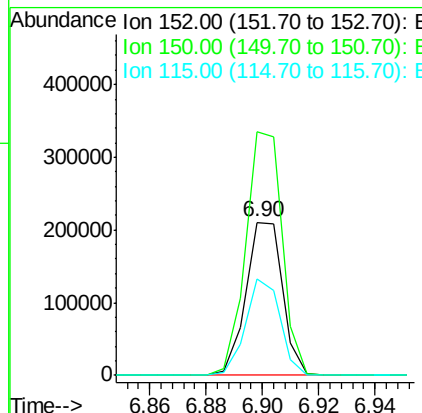
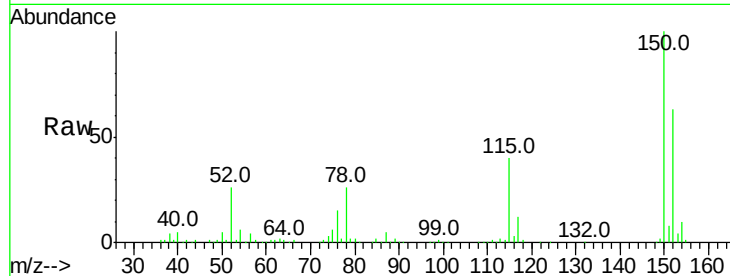


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-D-B

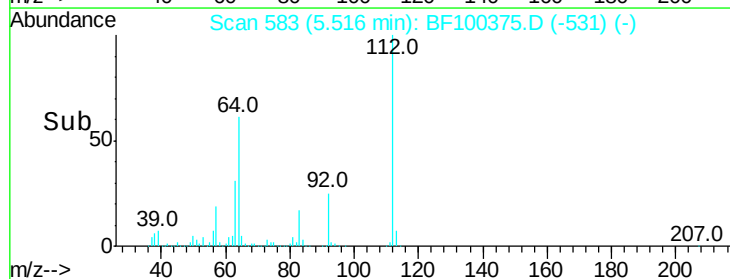
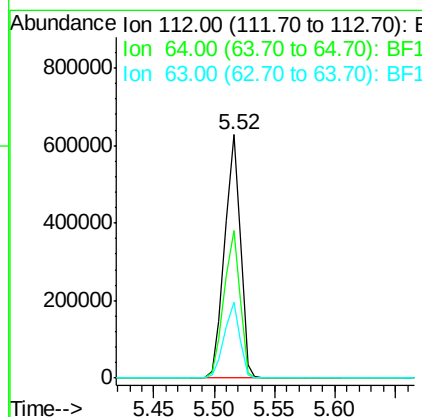
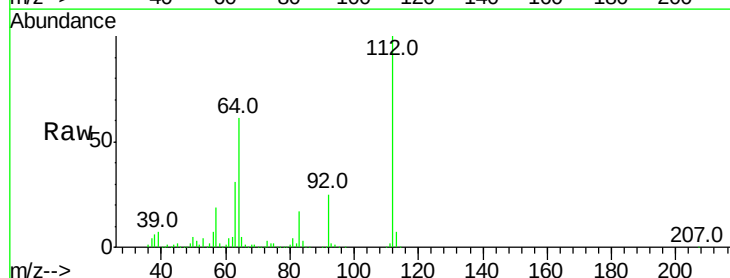
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.1	50.1	75.1

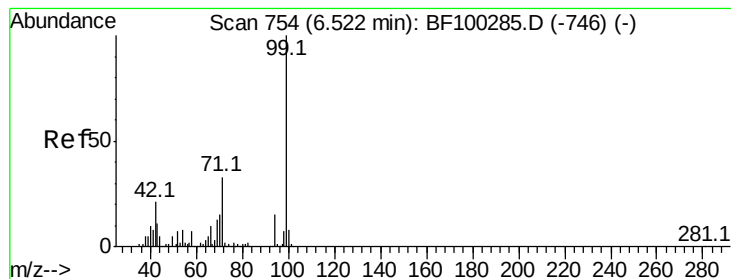


#5

2-Fluorophenol
 Concen: 48.042 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 32.012 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampleId :

110317-TIDO-F-D-B

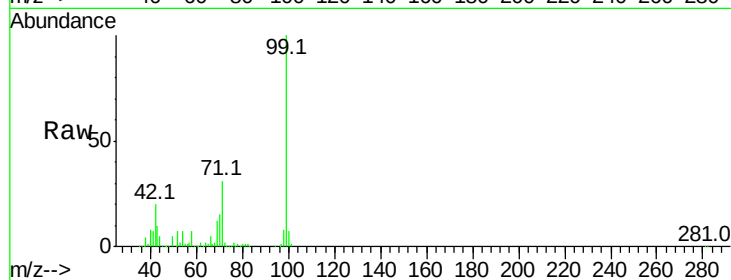
Tot Ion: 99 Resp: 466183

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

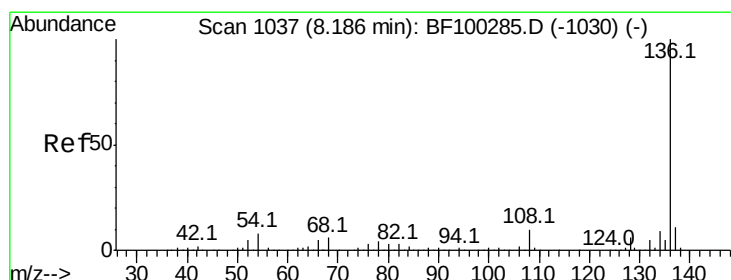
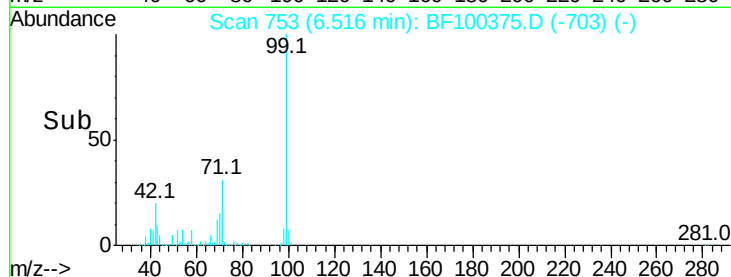
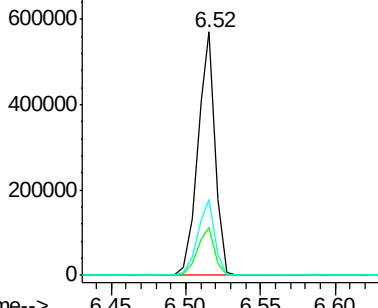
71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Tgt Ion: 136 Resp: 716438

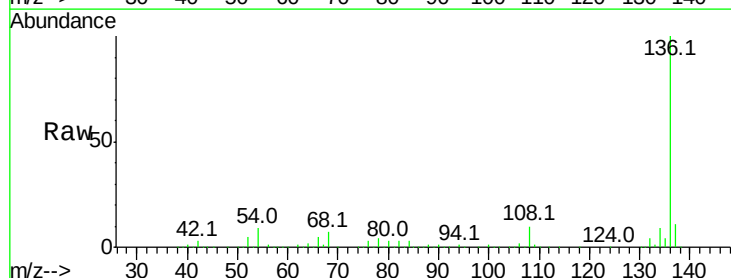
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.4 6.6 9.8

68 7.3 5.0 7.4

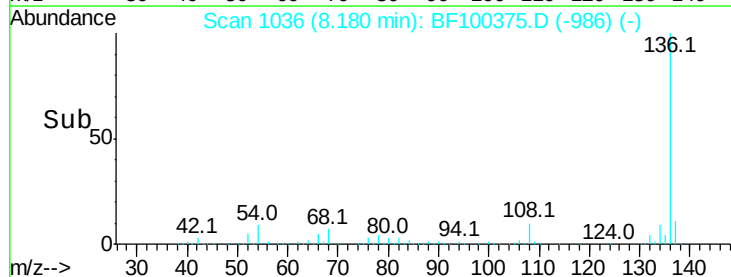
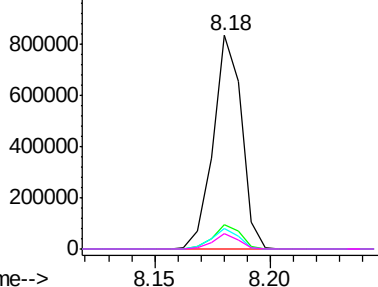


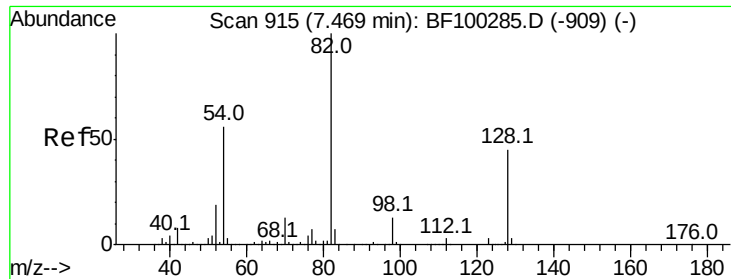
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



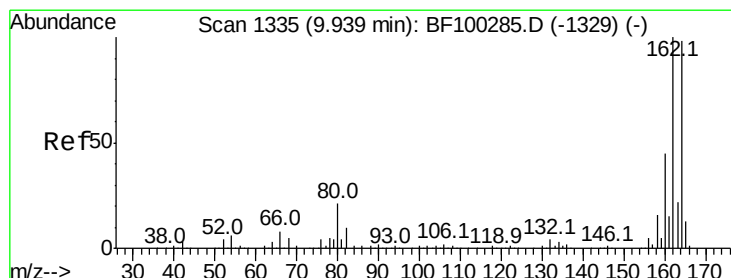
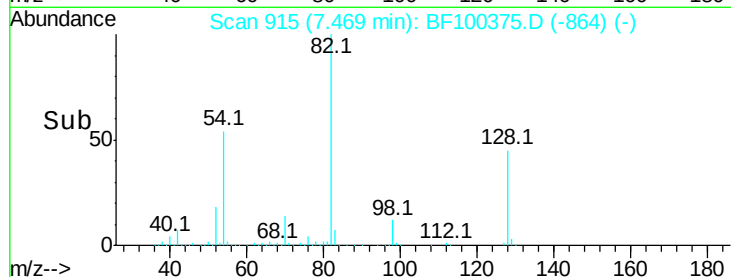
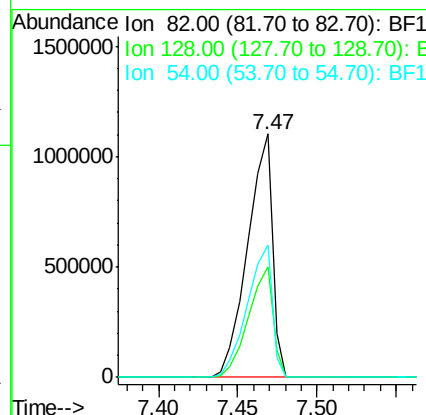
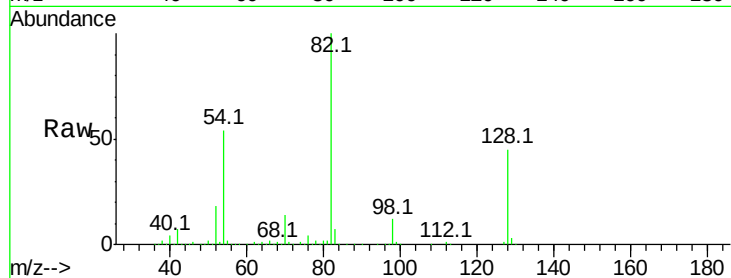


#23
 Nitrobenzene-d5
 Concen: 110.059 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-D-B

Tot Ion: 82 Resp: 1192651

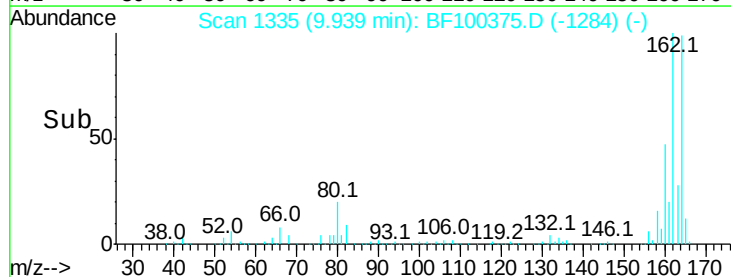
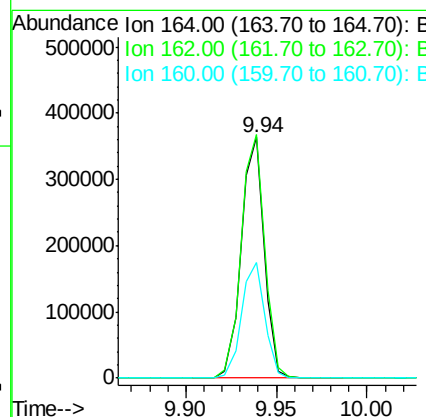
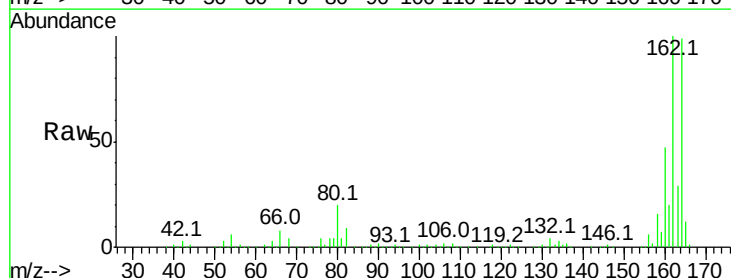
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.4	41.4	62.2

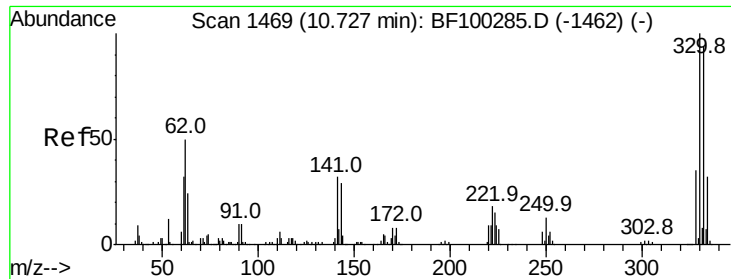


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Tgt Ion: 164 Resp: 319333

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	48.0	38.3	57.5

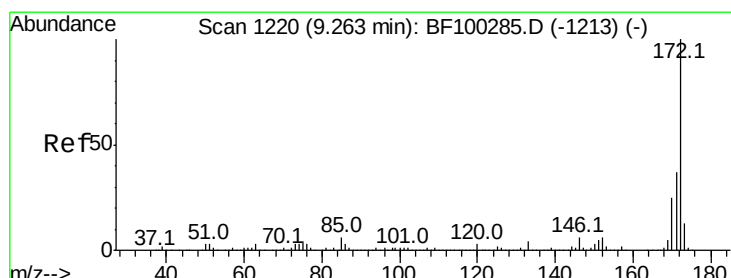
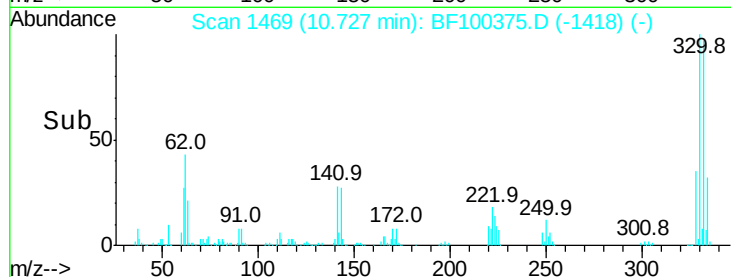
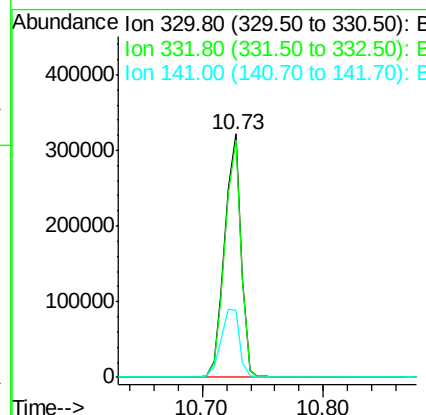
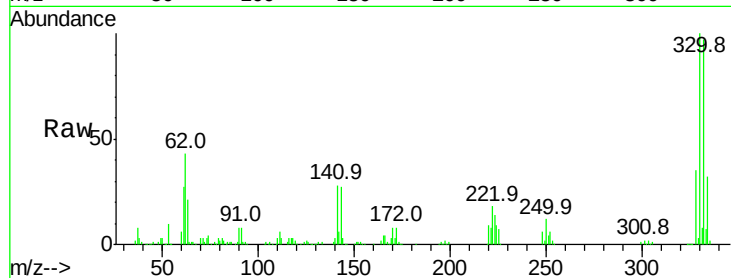




#41
 2,4,6-Tribromophenol
 Concen: 92.109 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

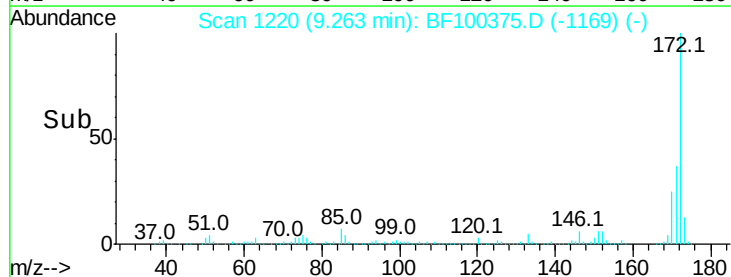
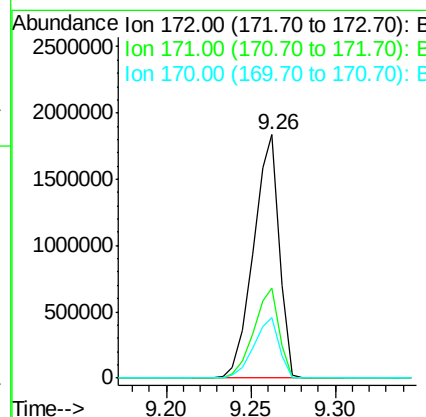
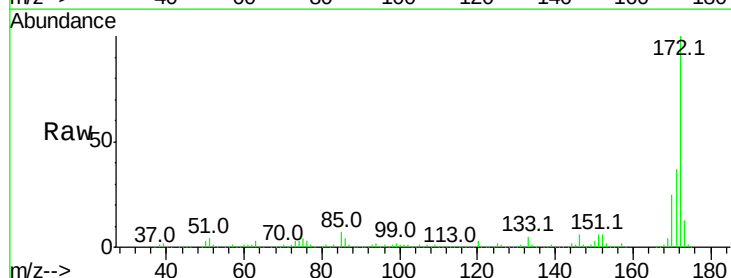
Instrument :
 BNA_F
 ClientSampleId :
 110317-TIDO-F-D-B

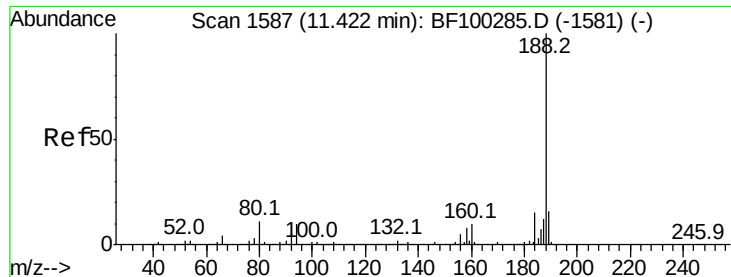
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.348 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100375.D
 Acq: 10 Nov 2017 7:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampleId :

110317-TIDO-F-D-B

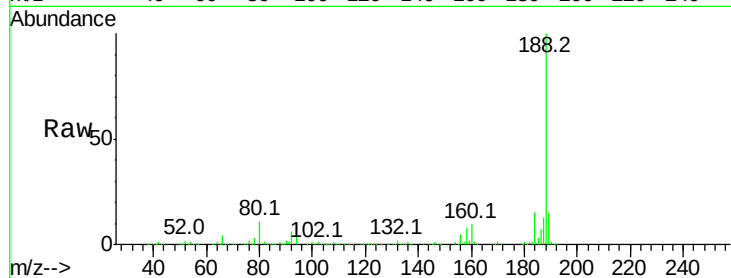
Tot Ion:188 Resp: 522683

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

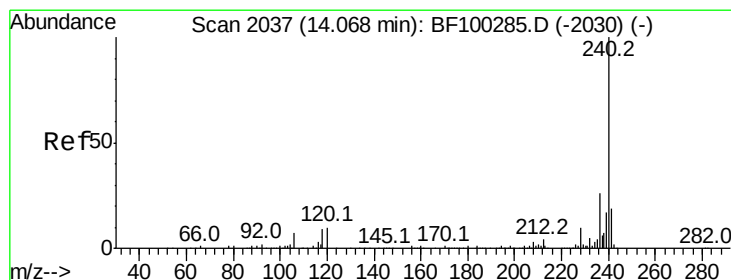
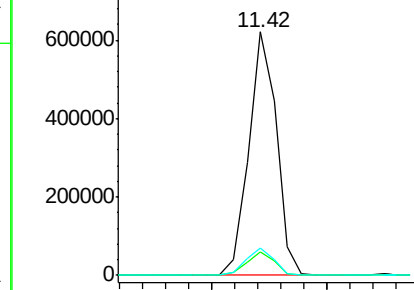
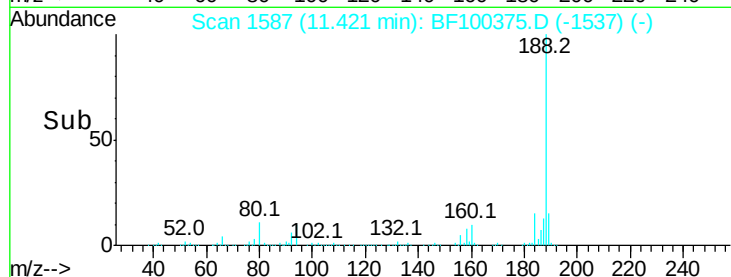
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

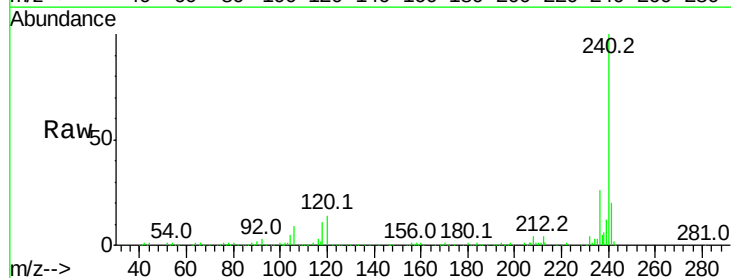
Tgt Ion:240 Resp: 347584

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

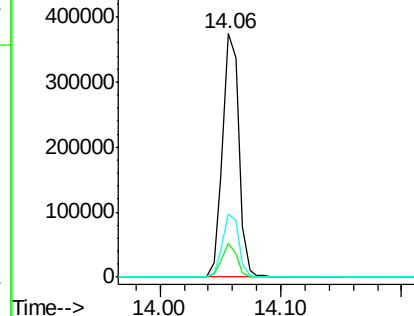
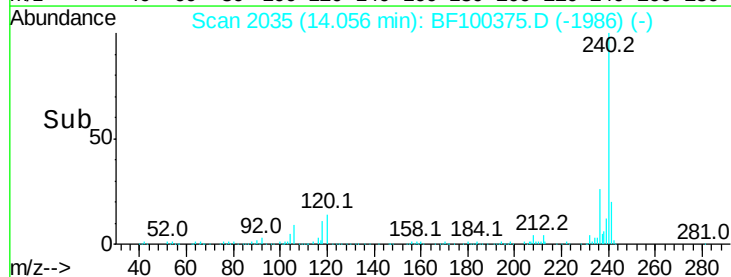
236 25.9 20.7 31.1

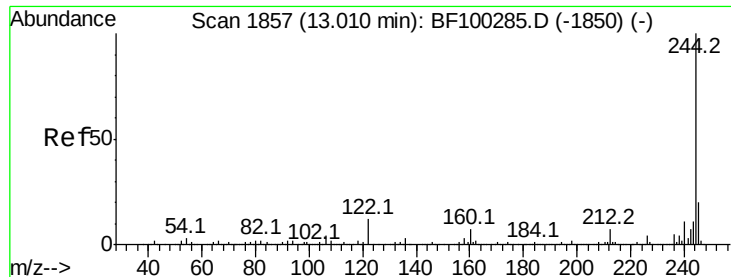


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.790 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

Instrument :

BNA_F

ClientSampleId :

110317-TIDO-F-D-B

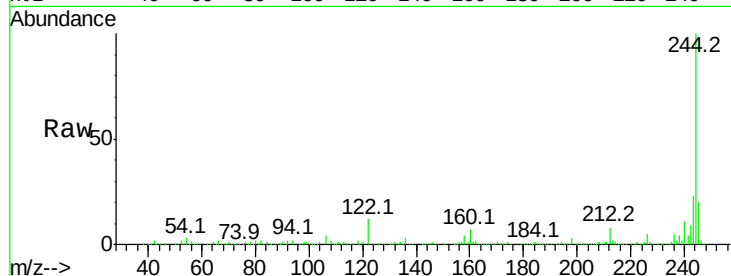
Tot Ion:244 Resp: 1373420

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

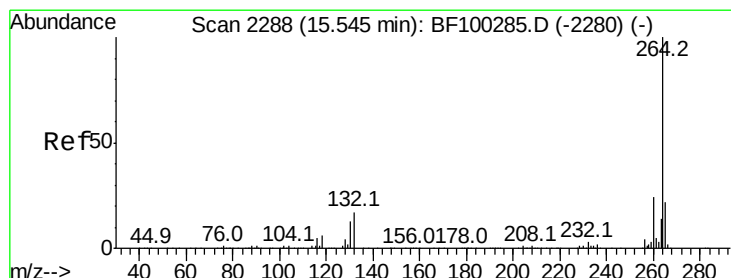
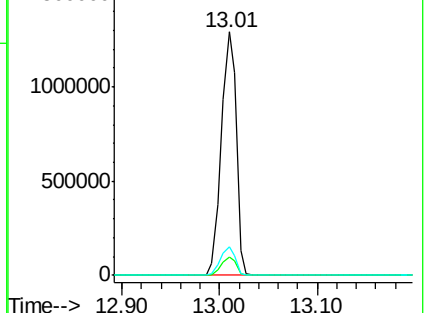
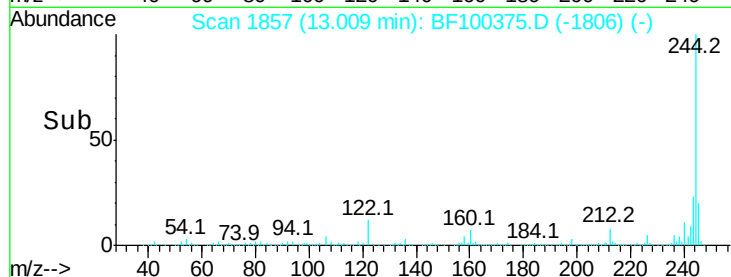
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100375.D

Acq: 10 Nov 2017 7:51

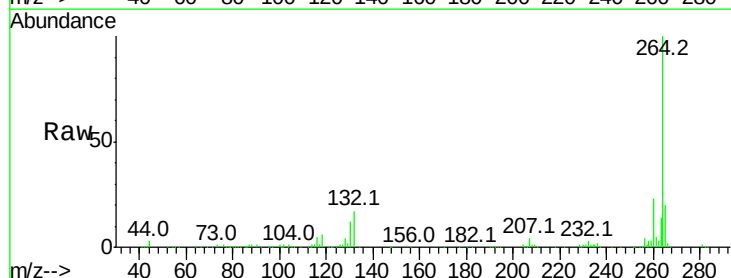
Tgt Ion:264 Resp: 285024

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 19.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

